This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (previously amended) A method of operating a satellite communication system comprising:

coordinating multiple terminals in a satellite network such that the symbol timing of each of the multiple terminals in the satellite network are synchronized;

configuring a frequency separation for each of the multiple terminals to obtain near orthogonality condition at the reception between a desired demodulated channel and transmissions on neighboring channels;

wherein the multiple terminals generate signals using one of a one-dimensional ALOHA and two-dimensional ALOHA access scheme.

2. (previously amended) In an orthogonal frequency division multiplexed satellite system, a method comprising establishing symbol synchronization between multiple remote terminals utilizing a central clock recovered from a reference downstream channel output from a satellite; wherein the multipe terminals generate signals using one of a one-dimensional ALOHA and two-dimensional ALOHA access scheme.

3. (Canceled)
4. (Canceled)
5. (Canceled)
6. (Canceled)
7. (Canceled)
8. (Canceled)
9. (previously amended) An apparatus comprising a hub including one or more antennas, RF transceivers, modulators, demodulators, clocks, and digital signal processors, the

hub being configured to receive signals using an OFDMA scheme and to transmit timing information to a plurality of remote terminals based on a timing synchronization feedback/acknowledgement loop, said signals being generated using one of a one-dimensional ALOHA and two-dimensional ALOHA access scheme.

10. (Canceled)
11. (Canceled)
12. (Canceled)
13. (Canceled)
14. (Canceled)
15. (Canceled)